WEST Search History

10/088,004

DATE: Sunday, June 08, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L19	(cosmetic or topical) and (vanadium or vanadyl or 4$vanadate)	44	L19
L18	(anticellulite or cellulite) and (vanadium or vanadyl or 4$vanadate)	0	L18
L17	L16 not l15 not l14	3	L17
L16	L13 and (anticellulite or cellulite)	5	L16
L15	L13 and (vanadium or vanadyl or 4$vanadate)	1	L15
L14	L13 and (caffeine or theophylline or theobromine or aminophylline)	3	L14
L13	((linoleic acid) near (conjugat$2)) or octadecadienoic acid	318	L13
DB=PGPB; PLUR=YES; OP=ADJ			
L12	L10 and (vanadium or vanadyl or 4$vanadate)	8	L12
L11	L10 and (caffeine or theophylline or theobromine or aminophylline)	9	L11
L10	((linoleic acid) near (conjugat$2)) or octadecadienoic acid	112	L10
DB=USPT; PLUR=YES; OP=ADJ			
L9	(cosmetic or topical) same (vanadium or vanadyl or 4$vanadate)	24	L9
L8	(body fat) same (vanadium or vanadyl or 4$vanadate)	5	L8
L7	(anticellulite or cellulite) same (vanadium or vanadyl or 4$vanadate)	0	L7
L6	(((linoleic acid) near (conjugat$2)) or octadecadienoic acid) same (vanadium or vanadyl or 4$vanadate)	1	L6
L5	l4 and (topical or skin or cosmetic)	8	L5
L4	l3 not l2	27	L4
L3	L1 and (vanadium or vanadyl or 4$vanadate)	28	L3
L2	L1 and (caffeine or theophylline or theobromine or aminophylline)	17	L2
L1	((linoleic acid) near (conjugat$2)) or octadecadienoic acid	744	L1

END OF SEARCH HISTORY

10/088,004

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Jun 03	New e-mail delivery for search results now available
NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA
NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 42	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 43	Jun 06	PASCAL enhanced with additional data

NEWS EXPRESS	April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items

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 NEWS PHONE     Direct Dial and Telecommunication Network Access to STN
 NEWS WWW       CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 20:55:09 ON 08 JUN 2003

=> file medline, kosmet
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY     SESSION
FULL ESTIMATED COST                                     0.21        0.21

FILE 'MEDLINE' ENTERED AT 20:55:22 ON 08 JUN 2003

FILE 'KOSMET' ENTERED AT 20:55:22 ON 08 JUN 2003
COPYRIGHT (C) 2003 International Federation of the Societies of Cosmetics Chemists

=> s (conjugated linoleic acid or cla or octadecadienoic acid
UNMATCHED LEFT PARENTHESIS '(CONJUGATED'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> conjugated linoleic acid or cla or octadecadienoic acid
CONJUGATED IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s conjugated linoleic acid or cla or octadecadienoic acid
L1         1723 CONJUGATED LINOLEIC ACID OR CLA OR OCTADECADIENOIC ACID

=> s l1 and (caffeine or theophylline or theobromine or amonophylline or cellulite or anticelluli
L2            7 L1 AND (CAFFEINE OR THEOPHYLLINE OR THEOBROMINE OR AMONOPHYLLINE
                 OR CELLULITE OR ANTICELLULITE)

=> dup rem l2
DUPLICATE IS NOT AVAILABLE IN 'KOSMET'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L2
L3             7 DUP REM L2 (0 DUPLICATES REMOVED)

=> d l3 ibib kwic 1-7

L3   ANSWER 1 OF 7     MEDLINE
Full Text
ACCESSION NUMBER:    2002058292     MEDLINE
DOCUMENT NUMBER:     21640911   PubMed ID: 11783459
TITLE:               Addition of conjugated linoleic acid to a herbal
                     anticellulite pill.
AUTHOR:              Birnbaum L
CORPORATE SOURCE:    Lasky Surgicenter Beverly Hills, California, USA.
SOURCE:              ADVANCES IN THERAPY, (2001 Sep-Oct) 18 (5) 225-9.
                     Journal code: 8611864. ISSN: 0741-238X.
```

PUB. COUNTRY: United States
DOCUMENT TYPE: (CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
(RANDOMIZED CONTROLLED TRIAL)
LANGUAGE: English
FILE SEGMENT: Health Technology
ENTRY MONTH: 200204
ENTRY DATE: Entered STN: 20020125
Last Updated on STN: 20020410
Entered Medline: 20020409

TI Addition of **conjugated linoleic acid** to a herbal **anticellulite** pill.

AB This study investigated the effect of a herbal **anticellulite** pill on visible **cellulite** in the thighs. Sixty female volunteers took a herbal **anticellulite** pill or a herbal **anticellulite** pill plus supplements of **conjugated linoleic acid** for 60 days. The combination treatment had a beneficial effect in as many as 75% of the women. The appearance. . .

L3 ANSWER 2 OF 7 MEDLINE
Full Text
ACCESSION NUMBER: 2000171103 MEDLINE
DOCUMENT NUMBER: 20171103 PubMed ID: 10704780
TITLE: A cautionary note: the actions of adenosine agonists and antagonists may be reversed under certain conditions in primary cultures.
AUTHOR: Brooke S M; Sapolsky R M
CORPORATE SOURCE: Department of Biological Sciences, Stanford University, Stanford, CA 94305, USA.. sheila.brooke@stanford.edu
CONTRACT NUMBER: MH-53814 (NIMH)
SOURCE: BRAIN RESEARCH BULLETIN, (2000 Mar 1) 51 (4) 307-12.
Journal code: 7605818. ISSN: 0361-9230.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200003
ENTRY DATE: Entered STN: 20000407
Last Updated on STN: 20000407
Entered Medline: 20000324

AB . . . now generally accepted that adenosine has a neuroprotective role in the central nervous system. Agonists of adenosine such as 2-chloroadenosine (2-**ClA**) have been shown to be neuroprotective, while antagonists such as 8-phenyltheophylline (8-PT) increase neurotoxicity. However, paradoxical results have been reported. . . with adenosine analogues, especially with respect to length of time of administration. We observe similarly contradictory findings with respect to 2-**ClA** and 8-PT actions in primary hippocampal cultures exposed to glutamate or kainic acid. We found 8-PT and 2-**ClA** had antagonist and agonist actions, respectively, only with acute (1 h) treatment; with chronic treatment (24 h), 2-**ClA** had no effects, while 8-PT had significant agonist actions. We also show that with variations in the type of culturing. . .

CT . . .
cytology
*Hippocampus: DE, drug effects
Hydrogen-Ion Concentration
Rats
*Receptors, Purinergic P1: AG, agonists
*Receptors, Purinergic P1: AI, antagonists inhibitors
Theophylline: AA, analogs derivatives
Theophylline: PD, pharmacology
Time Factors

RN 146-77-0 (2-Chloroadenosine); **58-55-9 (Theophylline)**; 961-45-5

(8-phenyltheophylline)

L3 ANSWER 3 OF 7 MEDLINE
Full Text
ACCESSION NUMBER: 1999443196 MEDLINE
DOCUMENT NUMBER: 99443196 PubMed ID: 10515173
TITLE: Anticonvulsant action of 2-chloroadenosine injected focally into the perirhinal cortex in amygdaloid kindled rats.
AUTHOR: Mirnajafi-Zadeh J; Pourgholami M H; Palizvan M R; Rostampour M; Fallahi M
CORPORATE SOURCE: Department of Physiology, School of Medical Sciences, Tarbiat Modarres University, Tehran, Iran.
SOURCE: EPILEPSY RESEARCH, (1999 Oct) 37 (1) 37-43. Journal code: 8703089. ISSN: 0920-1211.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199911
ENTRY DATE: Entered STN: 20000111
Last Updated on STN: 20000111
Entered Medline: 19991122
AB . . . perirhinal cortex of amygdala kindled rats were investigated over a 2 h period. Animals were microinfused (1 microl) with 2-chloroadenosine (2-**CLA**; 5, 10, 15, 25 and 100 nM) or artificial cerebrospinal fluid applied through a cannula located in the perirhinal cortex. At the doses employed, 2-**CLA** significantly reduced afterdischarge duration and stage 5 seizure duration. The latency to stage 4 seizure was increased only at the highest dose of 2-**CLA** (100 nM), while even at this dose no significant change in seizure stage could be seen. The maximum effect of 2-**CLA** was obtained 30 min after microinfusion of the drug. Pre-treatment (intraperirhinal cortex) of animals with the nonselective adenosine antagonist, **caffeine** (50 microM; 1 microl), blocked the anticonvulsant activity of 2-**CLA**. These results suggest that adenosine receptors located in the perirhinal cortex may play an important role in the suppression of. . .
CT . . .
pharmacology
Adenosine: AI, antagonists inhibitors
*Amygdala: PH, physiology
Analysis of Variance
Anticonvulsants: AI, antagonists inhibitors
*Anticonvulsants: PD, pharmacology
Caffeine: PD, pharmacology
Dose-Response Relationship, Drug
Injections
*Kindling (Neurology)
*Olfactory Pathways: PH, physiology
Rats
Rats, Sprague-Dawley
Reaction Time: DE, drug. . .
RN 146-77-0 (2-Chloroadenosine); **58-08-2 (Caffeine)**; 58-61-7 (Adenosine)

L3 ANSWER 4 OF 7 MEDLINE
Full Text
ACCESSION NUMBER: 1998103000 MEDLINE
DOCUMENT NUMBER: 98103000 PubMed ID: 9439826
TITLE: Intra-amygdala infusion of 2-chloroadenosine suppresses amygdala-kindled seizures.
AUTHOR: Pourgholami M H; Rostampour M; Mirnajafi-Zadeh J; Palizvan M R
CORPORATE SOURCE: Department of Pharmacology, Faculty of Medicine, Shaheed

Beheshti University of Medical Sciences, Tehran, I.R. Iran.
SOURCE: BRAIN RESEARCH, (1997 Nov 14) 775 (1-2) 37-42.
Journal code: 0045503. ISSN: 0006-8993.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199803
ENTRY DATE: Entered STN: 19980319
Last Updated on STN: 20000303
Entered Medline: 19980309

AB The seizure-modulating effects of 2-chloroadenosine (2-**CLA**) infused directly into the amygdala were investigated. Different groups of amygdala-kindled rats were infused (1 microliter) with 2-**CLA** (0.25, 1, 10 and 25 nM), **caffeine** (200 microM and 2 mM), a combination of the two or artificial cerebrospinal fluid (ACSF) applied directly through a cannula located in the amygdala. Infusion of 2-**CLA** dramatically suppressed seizure stage (SS), after discharge duration (ADD) and stage 5 seizure duration (S5D), while the latency to bilateral. . . were evident after 5 min, reached a maximum at the 60 min time point and were still detectable 360 min post-2-**CLA** infusion. Pretreatment with **caffeine** blocked the anticonvulsant effects of 2-**CLA** dose-dependently. These results may suggest that in amygdaloid-kindled rats, adenosine receptors located in the amygdala play a major role in the expression of the anticonvulsant activity of 2-**CLA**.

CT Check Tags: Animal; Male
2-Chloroadenosine: AD, administration dosage
*2-Chloroadenosine: PD, pharmacology
*Amygdala: PH, physiology
*Anticonvulsants: PD, pharmacology
Caffeine: PD, pharmacology
Central Nervous System Stimulants: PD, pharmacology
Injections
*Kindling (Neurology): DE, drug effects
Rats
Rats, Sprague-Dawley
Receptors, Purinergic. . .

RN 146-77-0 (2-Chloroadenosine); **58-08-2 (Caffeine)**

L3 ANSWER 5 OF 7 MEDLINE
Full Text
ACCESSION NUMBER: 95206301 MEDLINE
DOCUMENT NUMBER: 95206301 PubMed ID: 7898493
TITLE: RAG-1 and RAG-2 gene expression and V(D)J recombinase activity are enhanced by protein phosphatase 1 and 2A inhibition in lymphocyte cell lines.
AUTHOR: Casillas A M; Thompson A D; Cheshier S; Hernandez S; Aguilera R J
CORPORATE SOURCE: Department of Biology, University of California at Los Angeles 90024.
SOURCE: MOLECULAR IMMUNOLOGY, (1995 Feb) 32 (3) 167-75.
Journal code: 7905289. ISSN: 0161-5890.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199504
ENTRY DATE: Entered STN: 19950504
Last Updated on STN: 19950504
Entered Medline: 19950426

AB . . . RAG-2, in lymphocytes, has been shown to depend on second messenger systems. An increase in intracellular cAMP upon stimulation

with **caffeine** increases RAG expression while activation of protein kinase C (PKC) with phorbol myristate acetate (PMA) results in decreased RAG expression.. . . transduction pathway which regulates RAG gene expression and consequently the recombination process in lymphocytes. The cell permeable tumor promoter, calyculin-A (**CLA**), which is a potent inhibitor of the type 1 and 2A serine/threonine protein phosphatases (PP1 and PP2A, respectively), was shown. . . expression of RAG-1 and RAG-2 in pre-B as well as mature B- and T-lymphocyte cell lines. Although agents such as **caffeine** known to increase intracellular cAMP levels induce RAG expression, synergy between **CLA** and **caffeine** was not detected in pre-B cells. An in vivo assessment of recombination activity after transfection of pre-B cells with an extrachromosomal recombination vector revealed a moderate increase in recombinase activity which paralleled RAG expression after **CLA** stimulation. Although increased cAMP levels in pre-B cells has been associated with upregulation of RAG expression we found no such. . . lymphocyte cell lines there was no evidence of synergy in the regulation of RAG-1 and RAG-2 mRNA upon stimulation with **CLA** and **caffeine**. These results suggest novel intracellular mechanisms for the upregulation of RAG gene expression and confirm a role for type 1. . .

L3 ANSWER 6 OF 7 MEDLINE
Full Text
ACCESSION NUMBER: 87314201 MEDLINE
DOCUMENT NUMBER: 87314201 PubMed ID: 3626754
TITLE: Evidence for A1 and A2 adenosine receptors in guinea pig trachea.
AUTHOR: Ghai G; Zimmerman M B; Hopkins M F
SOURCE: LIFE SCIENCES, (1987 Sep 7) 41 (10) 1215-24.
Journal code: 0375521. ISSN: 0024-3205.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198709
ENTRY DATE: Entered STN: 19900305
Last Updated on STN: 19970203
Entered Medline: 19870930

AB The adenosine analogs [5'-N-ethylcarboxamideadenosine (NECA), 2-Chloro-adenosine (2-**ClA**), R-phenylisopropyladenosine (R-PIA), N6-cyclohexyl adenosine (CHA), and N6-cyclopentyladenosine (CPA)] produced both relaxation and contraction responses in isolated guinea-pig trachea. A concentration-related. . . KC1. This response followed an order of analog potency that was indicative of the A2 receptor subtype (NECA greater than 2-**ClA** greater than R-PIA greater than CPA greater than CHA). **Theophylline**, an adenosine-receptor antagonist, blocked this relaxation response. In addition, a concentration-related contractile response was produced with adenosine analogs in those. . . previously contracted. In contrast, the contractile response followed an analog potency indicative of the A1 receptor subtype (R-PIA greater than 2-**ClA** = CPA = CHA). This contractile response was not mediated by cholinergic, adrenergic or histaminergic receptors. 2-**ClA** induced a biphasic response, while NECA only relaxed these tissue under basal tone. Unlike the relaxation response, these contractile responses were not attenuated by **theophylline**, but were blocked by 1,3 dipropyl-8-(2 amino-4-chlorophenyl)xanthine (PACPX). These findings confirm the existence of two subpopulations of adenosine receptors in. . .

L3 ANSWER 7 OF 7 MEDLINE
Full Text
ACCESSION NUMBER: 85154191 MEDLINE
DOCUMENT NUMBER: 85154191 PubMed ID: 6099272

TITLE: Adenosine mechanisms in the regulation of breathing in the rat.
AUTHOR: Wessberg P; Hedner J; Hedner T; Persson B; Jonason J
SOURCE: EUROPEAN JOURNAL OF PHARMACOLOGY, (1984 Oct 30) 106 (1) 59-67.
Journal code: 1254354. ISSN: 0014-2999.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198504
ENTRY DATE: Entered STN: 19900320
Last Updated on STN: 19970203
Entered Medline: 19850426

AB . . . of various adenosine (A) analogues were studied in halothane-anesthetized rats. Intracerebroventricular (i.c.v.) and intraperitoneal (i.p.) injections of the A analogues (2-**Cla**, L-PIA, CHA and NECA) reduced minute ventilation (VE) due to decreases in respiratory frequency (f) as well as tidal volume. . . be somewhat more potent in eliciting respiratory depression than a relatively specific A1 agonist like L-PIA. Pretreatment with the methylxanthine **theophylline** completely antagonized the respiratory depression induced by L-PIA. It is concluded that central A receptors are involved in the central. . .

CT . . .
Rats
Rats, Inbred Strains
Receptors, Cell Surface: DE, drug effects
Receptors, Purinergic
*Respiration: DE, drug effects
Respiratory Function Tests
Stereoisomerism
Theophylline: PD, pharmacology
Xanthines: PD, pharmacology

RN 124-38-9 (Carbon Dioxide); 29193-86-0 (Phenylisopropyladenosine); 41078-02-8 (enprofylline); **58-55-9 (Theophylline)**; 58-61-7 (Adenosine)

=> s conjugated linoleic acid or octadecadienoic acid
L4 1032 CONJUGATED LINOLEIC ACID OR OCTADECADIENOIC ACID

=> s l4 and (vanadium or vanadyl or ?vanadate)
LEFT TRUNCATION IGNORED FOR '?VANADATE' FOR FILE 'KOSMET'
L5 3 L4 AND (VANADIUM OR VANADYL OR ?VANADATE)
Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation.
Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> d l5 ibib kwic 1-3

L5 ANSWER 1 OF 3 MEDLINE
Full Text
ACCESSION NUMBER: 2001469042 MEDLINE
DOCUMENT NUMBER: 21405050 PubMed ID: 11514236
TITLE: Energy-dependent export of the 13-oxooctadecadienoic acid-glutathione conjugate from HT-29 cells and plasma

membrane vesicles.
AUTHOR: Podgorski I; Bull A W
CORPORATE SOURCE: Department of Chemistry, Oakland University, Rochester, MI 48309-4477, USA.
CONTRACT NUMBER: CA 76420 (NCI)
SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA, (2001 Aug 29) 1533 (1) 55-65.
Journal code: 0217513. ISSN: 0006-3002.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200109
ENTRY DATE: Entered STN: 20010830
Last Updated on STN: 20010924
Entered Medline: 20010920
AB . . . inside-out vesicles prepared from these cells, significant inhibition of conjugate export is achieved by the energy disrupters, beta,gamma-methylene ATP, sodium **vanadate**, and 2-deoxyglucose. Significant inhibition of the vesicle-mediated transport is also observed in the presence of genistein and verapamil. In inside-out. . .
RN 154-17-6 (Deoxyglucose); 26289-39-4 (S-(2,4-dinitrophenyl)glutathione); **31385-09-8 (13-oxo-9,11-octadecadienoic acid)**; 56-65-5 (Adenosine Triphosphate); 70-18-8 (Glutathione)

L5 ANSWER 2 OF 3 MEDLINE
Full Text
ACCESSION NUMBER: 97186583 MEDLINE
DOCUMENT NUMBER: 97186583 PubMed ID: 9034199
TITLE: Epidermal growth factor-stimulated production of esterified 13(S)-hydroxyoctadecadienoic acid is associated with tumor suppressor phenotype in Syrian hamster embryo fibroblasts.
AUTHOR: Hui R; Everhart A L; Glasgow W C
CORPORATE SOURCE: Laboratory of Molecular Biophysics, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, NC 27709, USA.
SOURCE: JOURNAL OF LIPID RESEARCH, (1997 Jan) 38 (1) 49-60.
Journal code: 0376606. ISSN: 0022-2275.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199706
ENTRY DATE: Entered STN: 19970709
Last Updated on STN: 20000303
Entered Medline: 19970623
AB . . . lines. Pretreatment of cells with the tyrosine kinase inhibitor methyl-2,5-dihydroxycinnamate blocks EGF-stimulated HODE incorporation. Inhibition of tyrosine phosphatase activity with **vanadate** potentiates HODE uptake in supB+ but not supB- cells. Moreover, activation of protein kinase C with phorbol ester stimulates HODE. . .
RN **5204-88-6 (13-hydroxy-9,11-octadecadienoic acid)**; 62229-50-9 (Epidermal Growth Factor)

L5 ANSWER 3 OF 3 MEDLINE
Full Text
ACCESSION NUMBER: 96251700 MEDLINE
DOCUMENT NUMBER: 96251700 PubMed ID: 8649342
TITLE: Regulation of 13(S)-hydroxyoctadecadienoic acid biosynthesis in Syrian hamster embryo fibroblasts by the epidermal growth factor receptor tyrosine kinase.
AUTHOR: Glasgow W C; Hill E M; McGown S R; Tomer K B; Eling T E

CORPORATE SOURCE: Laboratory of Molecular Biophysics, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, North Carolina 27709, USA.. glasgow@niehs.nih.gov
SOURCE: MOLECULAR PHARMACOLOGY, (1996 Jun) 49 (6) 1042-8.
Journal code: 0035623. ISSN: 0026-895X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199607
ENTRY DATE: Entered STN: 19960805
Last Updated on STN: 20000303
Entered Medline: 19960719
AB . . . DNA synthesis. Potentiation of the EGF receptor tyrosine phosphorylation cascade through treatment of SHE cells with the tyrosine phosphatase inhibitor **vanadate** resulted in a 3-fold increase in EGF-stimulated 13-HODE production and a corresponding enhancement of the EGF mitogenic response. The coupling. . .
RN **5204-88-6 (13-hydroxy-9,11-octadecadienoic acid)**; 62229-50-9 (Epidermal Growth Factor)

=> s (vanadium or vanadyl or ?vanadate) and (caffeine or theophylline or theobromine or amonophyl
LEFT TRUNCATION IGNORED FOR '?VANADATE' FOR FILE 'KOSMET'
L6 74 (VANADIUM OR VANADYL OR ?VANADATE) AND (CAFFEINE OR THEOPHYLLINE OR THEOBROMINE OR AMONOPHYLLINE OR CELLULITE OR ANTICELLULITE)
Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation.
Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> s l6 and (topical or skin or cosmetic or dermatological)
L7 2 L6 AND (TOPICAL OR SKIN OR COSMETIC OR DERMATOLOGICAL)

=> d l7 ibib kwic 1-2

L7 ANSWER 1 OF 2 MEDLINE
Full Text
ACCESSION NUMBER: 86022113 MEDLINE
DOCUMENT NUMBER: 86022113 PubMed ID: 2864785
TITLE: The use of isolated fish opercular epithelium as a model tissue for studying intrinsic activities of loop diuretics.
AUTHOR: Eriksson O; Mayer-Gostan N; Wistrand P J
SOURCE: ACTA PHYSIOLOGICA SCANDINAVICA, (1985 Sep) 125 (1) 55-66.
Journal code: 0370362. ISSN: 0001-6772.
PUB. COUNTRY: Sweden
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198511
ENTRY DATE: Entered STN: 19900321
Last Updated on STN: 19950206
Entered Medline: 19851118
AB . . . the SCC. No net flux of 22Na or 24Na across the epithelium was observed. Raising of cyclic AMP levels by **theophylline**,

3-isobutyl-I-methyl-xanthine, isoprenaline and forskolin, increased SCC and PD. Prostaglandins PGE2 and to some extent PGF2 alpha inhibited SCC and PD. Inhibition of Na+-K+-ATPase by ouabain and **orthovanadate** reduced SCC and PD. Pretreatment of the epithelium with the stilbene disulphonic acid (DIDS) did not prevent the action of **orthovanadate**. Different types of diuretics were tested, but only the loop diuretics bumetanide, piretanide, and furosemide, rapidly and strongly inhibited PD. . . have been seen in the renal thick ascending limb of Henle's loop (TALH). It is concluded that the killifish opercular **skin** responds to hormonal stimuli and various pharmacological agents in a manner similar to that of mammalian renal TALH. It should. . .

CT . . .
Chlorides: ME, metabolism
*Diuretics: PD, pharmacology
*Epithelium: DE, drug effects
*Fishes
*Killifishes
Models, Biological
Prostaglandins: PD, pharmacology
Seasons
Sex Factors
***Skin: DE, drug effects**
Stilbenes: PD, pharmacology

L7 ANSWER 2 OF 2 MEDLINE
Full Text
ACCESSION NUMBER: 80198979 MEDLINE
DOCUMENT NUMBER: 80198979 PubMed ID: 6247006
TITLE: Increase in epithelial cyclic adenosine 3',5'-monophosphate following **vanadate**.
AUTHOR: Cuthbert A W; Herrera F C; Schuz A D; Wilson S A
SOURCE: BRITISH JOURNAL OF PHARMACOLOGY, (1980 May) 69 (1) 8-10. Journal code: 7502536. ISSN: 0007-1188.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198008
ENTRY DATE: Entered STN: 19900315
Last Updated on STN: 19970203
Entered Medline: 19800815

TI Increase in epithelial cyclic adenosine 3',5'-monophosphate following **vanadate**.

AB **Vanadate** increases the cyclic adenosine 3',5'-monophosphate (cyclic AMP) content of frog **skin** epithelium and apparently antagonizes the stimulation by isoprenaline. The effect appears to be a direct activation of adenyl cyclase. This new effect of **vanadate** together with the inhibitory effects on Na-K ATPase may explain the irregular effects on sodium transport.

CT . . .
metabolism
Epithelium: DE, drug effects
Epithelium: ME, metabolism
Isoproterenol: PD, pharmacology
Na(+)-K(+)-Exchanging ATPase: ME, metabolism
Rana temporaria
Sodium: ME, metabolism
Theophylline: PD, pharmacology
***Vanadium: PD, pharmacology**

RN **58-55-9 (Theophylline)**; 60-92-4 (Cyclic AMP); 7440-23-5 (Sodium); **7440-62-2 (Vanadium)**; 7683-59-2 (Isoproterenol)

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